



ATTORNEY DOCKET NO. 21101.0036U2
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
PRESTWICH, et al.)
Application No. 10/519,173) Group Art Unit: Unassigned
Filing Date: April 19, 2005) Examiner: Unassigned
For: CROSSLINKED COMPOUNDS AND) Confirmation No. 5246
METHODS OF MAKING AND USING)
THEREOF)

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

January 12, 2006

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. § 1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publications are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

In accordance with the provisions of M.P.E.P. § 2001.06(b) and 37 C.F.R. § 1.98(b)(3), Applicants would like to bring to the attention of the Examiner the existence of the co-pending patent

ATTORNEY DOCKET NO. 21101.0036U2
Application No. 10/519,173

application(s) identified below, which were filed in the United States Patent and Trademark Office:

<u>Application No.</u>	<u>Date Filed</u>	<u>Inventors</u>	<u>Attorney Docket No.</u>
*10/476,824	May 6, 2002	Luo et al.	21101.0014U2
*10/513,069	May 6, 2003	Prestwich et al.	21101.0028U2
10/552,382 (WO04/092188)	April 9, 2004	Prestwich et al.	21101.0037U2
10/556,693 (WO05/000402)	May 13, 2004	Prestwich et al.	21101.0039U2
PCT/US04/40726 (WO05/056608)	December 6, 2004	Prestwich	21101.0051P1
PCT/US01/22556 (WO02/06373)	July 17, 2001	Prestwich	21101.0008U2

The pending application(s) identified with an asterisk (*) are stored in the Image File Wrapper (IFW) system of the USPTO. Accordingly, copies of the cited specification(s), including the claims and drawings thereof, are not enclosed in accordance with the waiver to 37 CFR 1.98(a)(2)(iii) dated September 21, 2004.

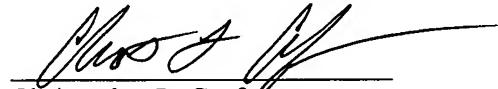
Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

**ATTORNEY DOCKET NO. 21101.0036U2
Application No. 10/519,173**

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

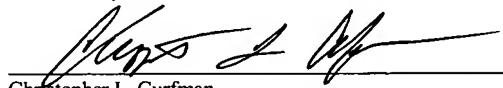


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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.



Christopher L. Curfman

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Date



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APPLICATION NO. 10/519,173
SHEET 1 OF 11

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)				Complete if Known			
				Application No.	10/519,173		
				Intl. Filing Date	May 15, 2003		
				First Named Inventor	Prestwich et al.		
				Group Art Unit	Unassigned		
				Examiner Name	Unassigned		
U.S. PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
	A1	6,174,861	01/16/01	O'Reilly et al.	514	12	
	A2	6,086,865	07/11/00	Folkman et al.	424	85.1	
	A3	6,024,688	02/15/00	Folkman et al.	514	12	
	A4	6,017,954	01/25/00	Folkman et al.	514	475	
	A5	5,945,403	08/31/99	Folkman et al.	514	21	
	A6	5,892,069	04/06/99	D'Amato et al.	552	627	
	A7	5,885,795	03/23/99	O'Reilly et al.	435	69.1	
	A8	5,874,417	02/23/97	Prestwich et al.	514	54	
	A9	5,861,372	01/19/99	Folkman et al.	514	2	
	A10	5,854,221	12/29/98	Cao et al.	514	12	
	A11	5,854,205	12/29/98	O'Reilly et al.	514	2	
	A12	5,837,682	11/17/98	Folkman et al.	514	12	
	A13	5,792,845	08/11/98	O'Reilly et al.	536	23.1	
	A14	5,733,876	03/31/98	O'Reilly et al.	514	12	
	A15	5,698,586	12/16/97	Kishimoto et al.	514	475	
	A16	5,661,143	08/26/97	D'Amato et al.	514	182	
	A17	5,652,347	07/29/97	Pouyani et al.	536	18.5	
	A18	5,639,725	06/17/97	O'Reilly et al.	514	12	
	A19	5,616,568	04/01/97	Pouyani et al.	514	54	
	A20	5,504,074	04/02/96	D'Amato et al.	514	182	
	A21	5,290,807	03/01/94	Folkman et al.	514	75	
	A22	5,135,919	08/04/92	Folkman et al.	514	56	
	A23	4,713,448	12/15/87	Balazs et al.	536	55.1	
	A24	4,582,865	04/15/86	Balazs et al.	524	29	
FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name			Translation Yes/No
	A25	WO 02/41877	5/30/02	Clear Solutions Biotech Inc			
	A26	WO 98/22114 A1	05/28/98	Durmex Ltd As			
	A27	WO 96/33750	10/31/96	Fidia Advanced Biopolymers Srl			
NON-PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)					
	A28	Agren et al. (1997) Developmentally programmed expression of hyaluronan in human skin and its appendages. J. Invest. Dermatol. 109:219-224.					
	A29	Aigner et al. (1998) Cartilage tissue engineering with novel nonwoven structured biomaterial based on hyaluronic acid benzyl ester. J. Biomed. Mater. Res. 42:172-181.					
	A30	Anseth et al. (2002) In situ forming degradable networks and their application in tissue engineering and drug delivery. J. Control. Release 78:199-209.					

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	A31	Anseth and Bryant (2001) The effects of scaffold thickness on tissue engineered cartilage in photocrosslinked poly(ethylene oxide) hydrogel. <i>Biomaterials</i> 22:619-26.	
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	A53	Campoccia et al. (1996) Quantitative assessment of the tissue response to films of hyaluronan derivatives. <i>Biomaterials</i> 17:963-75.	
	A54	Campoccia et al. (1998) Semisynthetic resorbable materials from hyaluronan esterification. <i>Biomaterials</i> 19:2101-27.	
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	A56	Casabona et al. (1998) Prefabricated engineered bone flaps: an experimental model of tissue reconstruction in plastic surgery. <i>Plastic Reconstr. Surg.</i> 101:577-81.	
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	A64	Cooper et al. (1996) The effect of an arginine-glycine-aspartic acid peptide and hyaluronate synthetic matrix on epithelialization of meshed skin graft interstices. <i>J. Burn Care Rehabil.</i> 17:108-16.	
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	A75	Elbert and Hubbell (2001) Conjugate addition reactions combined with free-radical crosslinking for the design of materials for tissue engineering. <i>Biomacromolecules</i> 2:430-41.	

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A76	Elisseeff et al. (1999) Transdermal photopolymerization for minimally invasive implantation. Proc. Natl. Acad. Sci. USA 96:3104-07.		
A77	Elisseeff et al. (2000) Photoencapsulation of chondrocytes in poly(ethylene oxide) based semi-interpenetrating networks. J. Biomed. Mater. Res. 51:164-71.		
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A79	Entwistle et al. (1996) HA Receptors: regulators of signaling to the cytoskeleton. J. Cell Biochem. 61:569-77.		
A80	Feinberg and Beebe (1989) Hyaluronate in vasculogenesis. Science 220:1177-79.		
A81	Foschi et al. (1990) Hyaluronic acid prevents oxygen free-radical damage to granulation tissue: a study in rats. Int. J. Tiss. React. XII:333-39.		
A82	Fraser et al. (1997) Hyaluronan: its nature, distribution, functions and turnover. J. Intern. Med. 242(1):27-33.		
A83	Fratianne et al. (1993) Keratinocyte allografts accelerate healing of split-thickness donor sites: Applications for improved treatment of burns. J. Burn Care & Rehabil. 14:148-54.		
A84	Friedman et al. (1965) Relative nucleophilic reactivities of amino groups and mercaptide ions in addition reactions with unsaturated compounds. J. Am. Chem. Soc. 87:3672-82.		
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A89	Glass et al. (1996) Characterization of a hyaluronic acid-Arg-Gly-Asp peptide cell attachment matrix. Biomaterials 17:1101-08.		
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A91	Gospodarowicz et al. (1987) Fibroblast growth factor: Structure and biologic properties. J. Cell Physiol. 5:15.		
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A95	Greenhalgh et al. (1990) PDGF and FGF stimulate wound healing in the genetically diabetic mouse. Am. J. Pathol. 136:1235-46.		
A96	Hallen et al. (2000) The potential use of hyaluronan-based compounds in laryngeal augmentative surgery. Elsevier Science B. V., 353-359.		
A97	Hanthamrongwit et al. (1996) Chondroitin-6-sulphate incorporated into collagen gels for the growth of human keratinocytes: the effect of cross-linking agents and diamines. Biomaterials 17:775-80.		
A98	Hardwick et al. (1992) Molecular cloning of a novel hyaluronan receptor that mediates tumor cell motility. J. Cell Biol. 117:1343-50.		
A99	Harris et al. (1999) Use of hyaluronic acid and cultured autologous keratinocytes and fibroblasts in extensive burns. The Lancet 353:35-36.		

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A100	Hascall and Laurent (1997) Hyaluronan: structure and physical properties. In Science of Hyaluronan Today; V. C. Hascall and M. Yanagishita, Ed.; Seikagaku Corporation: Tokyo.		
A101	Hebda et al. (1990) Basic fibroblast growth factor stimulation of epidermal wound healing in pigs. J. Invest. Dermatol. 95:626-31.		
A102	Hennink and van Nostrum (2002) Novel crosslinking methods to design hydrogels. Adv. Drug Del. Rev. 54:13-36.		
A103	Hoekstra, D. (1999) Hyaluronan-modified surfaces for medical devices. Medical Device Diag. Ind., p. 48-58.		
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A111	Iio et al. (1994) Cell growth on poly(vinyl alcohol) hydrogel membranes containing biguanido groups. J. Biomed. Mater. Res. 28:459-62.		
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A118	Jones and Senft (1985) An improved method to determine cell viability by simultaneous staining with fluorescein diacetate-propidium iodide. Histochem. Cytochem. 33:77-79.		
A119	Juhlin, L. (1997) Hyaluronan in skin. J. Intern. Med. 242:61-66.		
A120	Kenchington, A. W. (1958) Chemical modification of the side chains of gelatin. Biochem. J. 68:458-68.		
A121	King and Patrick (2000) Development and in vitro characterization of vascular endothelial growth factor (VEGF)-loaded poly(DL-lactic-co-glycolic acid)/poly(ethylene glycol) microspheres using a solid encapsulation/single emulsion/solvent extraction technique. J. Biomed. Mater. Res. 51:383-90.		
A122	Kirker et al. (2002) Glycosaminoglycan hydrogel films as bio-interactive dressings for wound healing. Biomaterials 23(17):3661-71.		

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	A123	Kirker et al. (2002) Glycosaminoglycan hydrogel films as supplemental wound dressing material for donor sites. <i>J. Burn Care Rehab.</i> 25(3):276-286.	
	A124	Knudson and Knudson (2001) Cartilage proteoglycans. <i>Semin. Cell Dev. Biol.</i> 12(2):69-78.	
	A125	Kortemme and Creighton (1995) Ionization of cysteine residues at the termini of model α -helical peptides. Relevance to unusual thiol pKa values in proteins of the thioredoxin family. <i>J. Mol. Biol.</i> 253:799-812.	
	A126	Koyano et al. (1998) Attachment and growth of cultured fibroblast cells on PVA/chitosan-blended hydrogel. <i>J. Biomed. Mater. Res.</i> 39:486-90.	
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